

## INDEPENDENT ASSURANCE REPORT

To the management of Entrust Corporation ("Entrust"):

### Scope

We have been engaged, in a reasonable assurance engagement, to report on Entrust management's [statement](#) that, for its Certification Authority ("CA") operations in Ottawa, Ontario, Canada and Toronto, Ontario, Canada throughout the period 1 March 2023 to 29 February 2024 (the "Period") for its CAs as enumerated in [Attachment A](#), Entrust has:

- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Network Security – Version 1.0](#).

### Certification authority's responsibilities

Entrust's management is responsible for its statement, including the fairness of its presentation, and the provision of its described services in accordance with the WebTrust Principles and Criteria for Certification Authorities –Network Security v1.0.

### Our independence and quality management

We have complied with the relevant rules of professional conduct / code of ethics applicable to the practice of public accounting and related to assurance engagements, issued by various professional accounting bodies, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies Canadian Standard on Quality Management 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements*, which requires the firm to design, implement and operate a system of quality management, including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

### Practitioner's responsibilities

Our responsibility is to express an opinion on management's statement based on our procedures. We conducted our procedures in accordance with Canadian Standard on Assurance Engagements 3000, *Attestation Engagements Other than Audits or Reviews of Historical Financial Information*, set out in the CPA Canada Handbook – Assurance. This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management's statement is fairly stated, and, accordingly, included:

- (1) obtaining an understanding of Entrust's network and certificate system security to meet the requirements set forth by the CA/Browser Forum;
- (2) testing and evaluating the operating effectiveness of the controls; and
- (3) performing such other procedures as we considered necessary in the circumstances.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Relative effectiveness of controls

The relative effectiveness and significance of specific controls at Entrust and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls, and other factors present at individual subscriber and relying party locations. We have performed no procedures to evaluate the effectiveness of controls at individual subscriber and relying party locations.



## **Inherent limitations**

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorised access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

## **Opinion**

In our opinion, throughout the period 1 March 2023 to 29 February 2024, Entrust management's statement, as referred to above, is fairly stated, in all material respects, in accordance with the WebTrust Principles and Criteria for Certification Authorities –Network Security v1.0.

This report does not include any representation as to the quality of Entrust's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities –Network Security v1.0, nor the suitability of any of Entrust's services for any customer's intended purpose.

## **Use of the WebTrust seal**

Entrust's use of the WebTrust for Certification Authorities – Network Security Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

A handwritten signature in black ink that reads "Deloitte LLP".

Deloitte LLP  
Chartered Professional Accountants  
Toronto, Ontario, Canada  
May 21, 2024

LIST OF IN SCOPE CAs for NETWORK SECURITY BASELINE

<b>Root CAs</b>
<ol style="list-style-type: none"> <li>1. Entrust.net Certification Authority (2048)</li> <li>2. Entrust Root Certification Authority</li> <li>3. Entrust Root Certification Authority – G2</li> <li>4. Entrust Root Certification Authority – G4</li> <li>5. Entrust Root Certification Authority – EC1</li> <li>6. Entrust Root Certification Authority – CSBR1</li> <li>7. Entrust Root Certification Authority – VMCR1</li> <li>8. Entrust Root Certification Authority – 4K EVTLSR 2022</li> <li>9. Entrust Root Certification Authority – P384 EVTLSR 2022</li> <li>10. Entrust Root Certification Authority – 4K TLSR 2022</li> <li>11. Entrust Root Certification Authority – P384 TLSR 2022</li> <li>12. Entrust Root Certification Authority – SMIMER 2022</li> <li>13. Entrust Root Certification Authority - G3</li> <li>14. Entrust Root Certification Authority – PRIV TLSR 2022</li> </ol>
<b>Intermediate CAs</b>
<ol style="list-style-type: none"> <li>15. Entrust Certification Authority – AATL1</li> <li>16. Entrust Certification Authority – ICA1</li> </ol>
<b>OV SSL Issuing CAs</b>
<ol style="list-style-type: none"> <li>17. Entrust Certification Authority – L1F</li> <li>18. Entrust Certification Authority – L1K</li> <li>19. Entrust Certification Authority – OVTLS1</li> <li>20. Entrust Certification Authority – OVTLS2</li> <li>21. Entrust Certification Authority – CrowdStrike TLS CA 2022</li> <li>22. Siemens 2020</li> <li>23. Entrust Certification Authority – Namirial OV SSL</li> </ol>
<b>EV SSL Issuing CAs</b>
<ol style="list-style-type: none"> <li>24. Entrust Certification Authority – L1E</li> <li>25. Entrust Certification Authority – L1J</li> <li>26. Entrust Certification Authority – L1M</li> <li>27. Entrust Certification Authority – L1N</li> <li>28. Entrust Certification Authority – QTSP1</li> <li>29. Entrust Certification Authority – ES QWAC2</li> <li>30. Entrust Certification Authority - EVTLS1</li> <li>31. Entrust Certification Authority - EVTLS2</li> <li>32. Entrust Certification Authority - Namirial EV SSL</li> </ol>
<b>Publicly Trusted Code Signing Issuing CAs</b>
<ol style="list-style-type: none"> <li>33. Entrust Code Signing CA – OVCS1</li> <li>34. Entrust Code Signing CA – OVCS2</li> </ol>
<b>EV Code Signing Issuing CA</b>
<ol style="list-style-type: none"> <li>35. Entrust Extended Validation Code Signing CA – EVCS1</li> <li>36. Entrust Extended Validation Code Signing CA – EVCS2</li> </ol>
<b>Secure Email (S/MIME) CA</b>
<ol style="list-style-type: none"> <li>37. Class 1 Client CA – SHA256</li> <li>38. Entrust Class 2 Client CA</li> <li>39. Entrust Class 2 Client CA – C2CA2</li> <li>40. Entrust SMIME1 Client CA</li> </ol>
<b>Timestamp CA</b>
<ol style="list-style-type: none"> <li>41. Entrust Timestamping CA – ES QTS1</li> <li>42. Entrust Timestamping CA – TS1</li> <li>43. Entrust Timestamping CA – TS2</li> </ol>
<b>Verified Marks Certification CA</b>
<ol style="list-style-type: none"> <li>44. Entrust Certificate Authority – VMC2</li> </ol>
<b>S/MIME CAs</b>
<ol style="list-style-type: none"> <li>45. Entrust Class 3 Client CA - SHA256</li> <li>46. Entrust Certification Authority - ES QSig1</li> <li>47. Entrust Certification Authority - ES QSeal1</li> </ol>



<b>Shared SSL Issuing CAs</b>
48. Entrust Private Trust SSL CA - PrivSSL1
49. Entrust Private TLS Certification Authority – PrivTLS1
<b>Shared Mobile Device Certificate Issuing CAs</b>
50. Entrust Certification Authority - L1H



CA IDENTIFYING INFORMATION

CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
1	1	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	3863def8	RSA 2048- bits	RSA SHA-1	12/24/1999 17:50	7/24/2029 14:15			55e481d11180bed889b908a331f9a1240916b970	6DC47172E01CBCB0BF62580D895FE2B8AC9AD4F873801E0C10B9C837D21EB177
2	1	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	456b5054	RSA 2048- bits	RSA SHA-1	11/27/2006 20:23	11/27/2026 20:53			6890e467a4a65380c78666a4f1f74b43fb84bd6d	73C176434F1BC6D5ADF45B0E76E727287C8DE57616C1E6E6141A2B2C8C7D8E4C
3	1	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	4a538c28	RSA 2048- bits	RSA SHA- 256	7/7/2009 17:25	12/7/2030 17:55			6a72267ad01eef7de73b6951d46c8d9f901266ab	43DF5774B03E7FEF5E40D931A7BEDF1BB2E6B42738C4E6D3841103D3AA7F339
3	2	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	51d33f09	RSA 2048- bits	RSA SHA-1	9/12/2014 17:28	9/13/2024 3:12			6a72267ad01eef7de73b6951d46c8d9f901266ab	CBC6E22D06F9D2C093FAD75CEBB7852EF553FFFF146AD522AB321B3A4B28D8F8
3	3	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	51d33f24	RSA 2048- bits	RSA SHA-1	9/12/2014 19:23	9/13/2024 3:12			6a72267ad01eef7de73b6951d46c8d9f901266ab	16296E3BEF9A64CFEDE3509F36D700A5CD61CF938EC3A955BF36D17D97E16E8D
3	4	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	51d34044	RSA 2048- bits	RSA SHA- 256	9/22/2014 17:14	9/23/2024 1:31			6a72267ad01eef7de73b6951d46c8d9f901266ab	6B143C2005D5539CC22EAB5F772DB2A9FE87467FEFFA07FCFA09F7D28274CA7A
4	1	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00d9b5437fafa9390f000000005565ad58	RSA 4096- bits	RSA SHA- 256	5/27/2015 11:11	12/27/2037 11:41			9f38c45623c339e8a0716ce8544ce4e83ab1bf67	DB3517D1F6732A2D5A897C533EC70779EE3270A62FB4AC4238372460E6F01E88
5	1	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00a68b79290000000050d091f9	EC 384- bits	ECDSA SHA-384	12/18/2012 15:25	12/18/2037 15:55			b763e71add8de908a65583a4e06a504165114249	02ED0EB28C14DA45165C566791700D6451D7FB56F0B2A81D388EB070E56EDFF5
5	2	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal- terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	008011196de613db16000000051d3575e	EC 384- bits	RSA SHA- 256	6/10/2016 14:58	11/10/2026 15:28			b763e71add8de908a65583a4e06a504165114249	3FDE0D36E026B6E8EBE2C28883607C8651DE10BD6C1FCAD365E560F4EA2F3B03
6	1	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc.	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc.	7ff1a8f9f43ae8876e2dc6ff5e433db2ee30a643	RSA 4096- bits	RSA SHA- 512	5/7/2021 13:26	12/30/2040 13:26			82bad63d97ce9fcf71e89237affdb3b5693557cf	B80847FDA453BF6ED876CA7BC046A2481909E1586ED376E665E7AD09F3864E71



CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
		C=US	C=US									
6	2	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	4e40e43754ede68c000000051d3947f	RSA 4096-bits	RSA SHA-256	5/7/2021 15:43	11/7/2030 16:13		Code Signing, Time Stamping	82bad63d97ce9cf71e89237affdb3b5693557cf	18DD9A467054C74A5AE46182843A6F4EC46D5E338D91ADF4E5980B50193FB94B
7	1	CN=Entrust Verified Mark Root Certification Authority - VMCR1 O=Entrust, Inc. C=US	CN=Entrust Verified Mark Root Certification Authority - VMCR1 O=Entrust, Inc. C=US	743900bd5b07fc63d7e9150452c89bb701680463	RSA 4096-bits	RSA SHA-512	5/7/2021 13:31	12/30/2040 13:31			7323567b2b7845809ab8c27ccca586398b2678c5	7831D95A47D42508CD5C9E6264F9096BAC19F04EB9B7C8BDD35FFFC71C189617
8	1	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	72429d8f40dfe46dafbe06ebb533194ce90d6c76	RSA 4096-bits	RSA SHA-384	2022-12-13 12:35:08	2047-12-07 12:35:08			0bdd90d58fbb3f5cb60a0551a2482863c413041	647987D98D52645DA4D3DE3B80771A0CE02B9B9285E6E86999882170744EC9AA
9	1	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	097558f5a16c16877bbd064ffd9ce483ba4b040b	EC 384-bits	ECDSA SHA-384	2022-12-13 12:46:44	2047-12-07 12:46:44			137210ae82580fc1389bbcb6a64c05ca8e8468bf	937EF8F12276B3C7A3F58E345D09A6EFF01F862F8D2794441CD84D511825FA0C
10	1	CN = Entrust 4K TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust 4K TLS Root CA - 2022 O = Entrust, Inc. C = US	57262836aa751a000c16ba28cc86b590df225ba	RSA 4096-bits	RSA SHA-384	2022-12-13 12:26:47	2047-12-7 12:26:47			9440ea5affef4963019e09df03b803373122056	DD6C44B39401B053DBE61120748BBB0F6056007665C168E5C286750EDC8DF129
11	1	CN = Entrust P384 TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust P384 TLS Root CA - 2022 O = Entrust, Inc. C = US	453eef32daed9068218d5bea0e83d165042e0f31	EC 384-bits	ECDSA SHA-384	2022-12-13 12:41:45	2047-12-7 12:41:45			c42e807c5f709204864c9e52cb2b67c5076a8293	420332EF876EBE78F2AF5D28AAACDE24AAD0C10F8FAAC469EFD7BD941929568
12	1	CN = Entrust SMIME Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust SMIME Root CA - 2022 O = Entrust, Inc. C = US	7da23fcefbbe8849c350f2a511e9b96bb71f8d80	RSA 4096-bits	RSA SHA-384	2022-12-13 13:00:46	2047-12-7 13:00:46			94c8e8468d7f53170305441810ac65e06ea2950d	87A41ED8096D62716BAD7F530942197A9E7E3175CE05D11D01E7AD6C12DC8A7
13	1	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00c2bb63ea000000050d0b5a1	RSA 2048-bits	RSA SHA-1	2012-12-18 17:57:44	2030-12-18 18:27:44			b57501ee41c7ca7a3ff2fc5a56c776060b066c66	158399559E3085027D3CD7E813923F8B54E54FF725E67E70D02868B1D502DE64
14	1	CN = Entrust 4K Private TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust 4K Private TLS Root CA - 2022 O = Entrust, Inc. C = US	78c885e63beff8175f17bf14e228e04739cac23f	RSA 4096-bits	RSA SHA-384	2022-12-13 12:56:50	2047-12-07 12:56:50			dd1adb235f00ee1989276d1210f0c8143329ccc2	822F5EAF4E17C27B1904610132EFF00A2005DA0C9AC113C3F5A81F3CDC06E5F
15	1	C=US O=Entrust, Inc. CN=Entrust Certification Authority - AATL1	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00c727f51f8f922b0200000005565d8ad	RSA 4096-bits	RSA SHA-512	7/20/2020 15:46	12/20/2037 16:16		1.3.6.1.4.1.311.10.3.12, 1.2.840.113583.1.1.5, E-mail Protection	63f184dd03bea39f64fa767a47c4567ec06da020	839F9B91C2E49218A66416DF181B984E9BE634D12A95483D98A6199FC0788D74
16	1	CN=Entrust Enterprise Intermediate CA - ICA1 O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	3eeb174d9b443ba90000000051ce1981	RSA 2048-bits	RSA SHA-256	5/7/2021 15:32	7/7/2029 16:02		TLS Web Client Authentication, E-mail Protection, Microsoft Smartcardlogin, Microsoft Encrypted File System, 1.3.6.1.4.1.311.10.3.4.1, 1.3.6.1.4.1.311.67.1.1	c838d40a70dda357a8e596592d1313c920d5dcb3	C54D8B12C438725C2755B4AD81825F6975CBDA6C258A28F8B8247A14F03BD22A
17	1	CN=Entrust Certification Authority - L1F OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00b601913d8553bafa000000051d4c1f6	EC 384-bits	ECDSA SHA-384	4/5/2016 20:17	10/5/2037 20:47		TLS Web Server Authentication, TLS Web Client Authentication	2e62f014ee87cdb335033defe4b99ef3bb8a3c9	1835B0E482EA65536FC010E4BC13C060F65668165FBA97E2F542CE96CA6DFEFC
17	2	CN=Entrust Certification Authority - L1F OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	00a25b1769bad80ad70000000051ce1941	EC 384-bits	RSA SHA-256	2/5/2021 16:34	7/5/2029 17:04		TLS Web Server Authentication, TLS Web Client Authentication	2e62f014ee87cdb335033defe4b99ef3bb8a3c9	0C5A09DB8AEDF7D2D1DDE14DCCC2DB6EA959BCF6F010360D836C342C624D7E0E



CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
18	1	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	51d360ce	RSA 2048-bits	RSA SHA-256	8/26/2014 17:07	8/27/2024 5:48			82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	3B6DD5581C9853092007DB1B80106FC61205E88E360543D7CAE02D68E7A25AC3
18	2	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	51d360cf	RSA 2048-bits	RSA SHA-256	8/26/2014 17:14	8/27/2024 8:34			82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	3B0CC20384AD7F24EB438F2B80C63EBE003F7F215B8877E418EBB0484028DB57
18	3	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	51ce00fe	RSA 2048-bits	RSA SHA-256	10/10/2014 15:23	10/11/2024 6:22			82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	D6C3FC493BACD1DF8A1BA30F4AE26254B2A4528E4876081EACC6A16A090AA36A
18	4	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	51d360ee	RSA 2048-bits	RSA SHA-256	10/22/2014 17:05	10/23/2024 7:33			82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	F5C2F23C6518F9D19B6F39BEA4E4FBAE10031BA9DC985CE1563A520DA0A4116
18	5	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	0ee94cc30000000051d37785	RSA 2048-bits	RSA SHA-256	10/5/2015 19:13	12/5/2030 19:43			82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	13FB39A2F6654E8C67BD04F4C6D4C90CD6CAB5091BCEDC73787F6B77D3D3FE7
18	6	CN = Entrust Certification Authority - L1K OU = (c) 2012 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	CN = Entrust Certification Authority - L1K OU = (c) 2012 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	2e0451ce5d2424c72b5d6576716506d8	RSA 2048-bits	RSA SHA-256	2022-11-25 17:19:43	2029-7-22 20:00:00		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	82a27074ddbc533cf7bd4f7cd7fa760c60a4cbf	7F4325CC24107A39441552F27FDC34185802482E164D1794AA415EF1E4206BA7
19	1	CN = Entrust 4K TLS Certification Authority - OVTL51 O = Entrust, Inc. C = US	CN = Entrust 4K TLS Root CA - 2022 . O = Entrust, Inc. C = US	68ca04736adcebbd10432a6bd6ef8a34	EC 384-bits	RSA SHA-256	2022-12-14 14:23:34	2040-12-29 19:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	a80003c10185b8c0272aa9bc08acfad44abe51a5	9EC6CA44D6ADB5DAEFEC9D773787E3BB8E1243F5455341B8438A6776869333B
20	1	CN = Entrust P384 TLS Certification Authority - OVTL52 O = Entrust, Inc. C = US	CN = Entrust P384 TLS Root CA – 2022 O = Entrust, Inc. C = US	68772973693c55320a742ff1433ca0a2	EC 384-bits	RSA SHA-256	2022-12-14 14:25:44	2040-12-29 19:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	c25b7126ed58efa51419aa2ef60456546f9a39c9	2DB842F824321277291266B230ABC31DE13C1D48852D6C21C9B1007D5AC20681



CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
21	1	CN = CrowdStrike TLS CA 2022 O = CrowdStrike, Inc. C = US	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	309dc7b318912d0ecb7d1df27ab75cdf	RSA 2048-bits	RSA SHA-256	2022-11-15 12:50:48	2030-12-5 20:00:00			55eaa745b99af7b671311a31dfa176fe7692997a	2C4AD64B4E862D7D46424D9FA13EA9A974A62F7C4B608AE1A871424CC9A6873D
22	1	CN=Siemens Issuing CA Internet Server 2020 O=Siemens C=DE	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00fab27dfff80d09a0000000051d39440	RSA 2048-bits	RSA SHA-256	2020-08-10 14:11:48	2030-11-10 14:41:48		TLS Web Server Authentication, TLS Web Client Authentication	c9a757cb86c96107c6c2b48665a91ec1cae1029b	A665007A05EFE1889D66A40DEECBC6C1A271E919006811FDB8BD7E0675212D1
23	1	CN = Namirial OV SSL CA 2023 O = Namirial S.p.A C = IT	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	17c236215a437f11aae022348b6b7f2d	RSA 2048-bits	RSA SHA-256	2023--2-9 16:09:10	2030-12-7 8:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	9a9f6fa5f8fe34fc102deb2f89c6b9d7c692d31e	F4E26BE0279228D96D47B05DF744AE6CE6AAD888A3B757D249EB3D22D27F4C6
24	1	CN=Entrust Certification Authority - L1E OU=(c) 2009 Entrust, Inc. OU=www.entrust.net/rpa is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	008666b02ac1cb5440000000051d3589c	RSA 2048-bits	RSA SHA-256	2019-06-19 16:52:08	2026-11-19 17:22:08		TLS Web Server Authentication, TLS Web Client Authentication	5b418ab2c443c1bdbfc85441559de096adffb9a1	232F6367CF561E00C83E180A9FCA8546B3771FB450EBCB4A0526F8349C8CA139
25	1	CN=Entrust Certification Authority - L1J OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	0a83d4803e7e9f510000000051d4c1f7	EC 384-bits	ECDSA SHA-384	2016-04-05 20:19:54	2037-10-05 20:49:54		TLS Web Server Authentication, TLS Web Client Authentication	c3f94503bec8f90b3c4535f3eb72ece7e8eb949b	3447B74B5E500A549983FA2CED73A5642E6AAEC78829546158437DF66D7435B8
26	1	CN=Entrust Certification Authority - L1M OU=(c) 2014 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	51d346e1	RSA 2048-bits	RSA SHA-256	2014-11-18 20:59:32	2024-11-19 06:33:02		TLS Web Client Authentication, TLS Web Server Authentication	c3f7d0b52a30adaf0d9121703954ddb8970c73a	CA290389E0D8C62A4083F628A39F52FE3F38B73199CFFAF7C0372378A440FB6A
26	2	CN=Entrust Certification Authority - L1M OU=(c) 2014 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	61a1e7d20000000051d366a6	RSA 2048-bits	RSA SHA-256	2014-12-15 15:25:03	2030-10-15 15:55:03		TLS Web Client Authentication, TLS Web Server Authentication	c3f7d0b52a30adaf0d9121703954ddb8970c73a	75C5B3F01FD1F51A2C447AB7C785D72E69FA9C472C08571E7EADF388EABAE70C
27	1	CN=Entrust Certification Authority - L1N OU=(c) 2014 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00abec77f1b410c07000000005565d805	RSA 2048-bits	RSA SHA-256	2017-11-22 20:04:20	2030-12-22 20:34:20		TLS Web Server Authentication, TLS Web Client Authentication	ee47d18571f1fd2b73fbb3e6358771749400e95	B14D5089079C1D8F7649D89A5D3CFEB1AAC06F66AFC49225C5BE2AA19FD41A35
28	1	CN=Entrust Certification Authority - QTSP1 C=ES O=Entrust Datacard Europe S.L. organizationIdentifier=VATES-B81188047	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	009c6cf695700c6000000000051d393a6	RSA 2048-bits	RSA SHA-256	2019-07-26 18:31:45	2030-11-26 19:01:45		TLS Web Server Authentication, TLS Web Client Authentication	1cad3f9cd72d2219a19c4be9daf12a33f7fba0d	681EBC1822B079B97E0404E4687D9B6C0C0892C820F55738A282AAE62529BDD8
29	1	CN=Entrust Certification Authority - ES QWAC2 organizationIdentifier=VATES-B81188047 O=Entrust EU, S.L. C=ES	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	7a8872b868a359dab1b02ecf49c7f18d	RSA 2048-bits	RSA SHA-256	2021-11-16 00:00:00	2030-12-01 00:00:00		TLS Web Server Authentication, TLS Web Client Authentication	41cfae2b1d633bc4cf5904479b65a2489df929c	C97F2F6E6A8AD86ECFE4978F08CA8F6F0123A94784522B610ADF6A851439FC62
30	1	CN = Entrust 4K TLS Certification Authority - EVTLS1 O = Entrust, Inc. C = US	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	31ef81d7823f9a0f27b5d3085df41ec0	EC 384-bits	ECDSA SHA-384	2022-12-14 14:16:26	2040-12-29 19:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	9930115c04d2448b259713c665d21616c9678792	AAC889394C3BB0376622444235343371C59E951FF85A151B3FE19C288076E2B5
31	1	CN = Entrust P384 TLS Certification Authority - EVTLS2 O = Entrust, Inc. C = US	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	2ecf71fbc3f43015ca8bea5edd3dc763	EC 384-bits	ECDSA SHA-384	2022-12-14 14:20:13	2040-12-29 19:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	2cc1fad3279c77e73038c8c95ca43c02a36775c4	2426C77CFA12EBCDB68013225496C0E7AAD66D63597AE5EF9A0BE83830C23EC2
32	1	CN = Namirial EV SSL CA 2023 O = Namirial S.p.A C = IT	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	7b0350a7b1d46885af4cc8c740a568b0	RSA 2048-bits	RSA SHA-256	2023-02-09 16:13:06	2030-12-07 8:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	eafeeb5847b833d9d2367bc88c677ab1338b8d52	366DD61ECE49EF68A7E0705915ECE7EE7BAA3C5D71B9363CD487E0FE0242A634





CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
33	1	CN=Entrust Code Signing CA - OVCS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	7ab8c4fc000000051d373d4	RSA 2048-bits	RSA SHA-256	2015-06-09 18:03:40	2025-06-09 18:33:40		Code Signing	7e1a1f1a11745c64c90c1f9401abfd81642ea12c	7FBA43A4CCBB37B1CCC2DD11CE0C911DA3A2917B0CA0E846056854EF464C50C4
33	2	CN=Entrust Code Signing CA - OVCS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	43c10b1c000000051d373da	RSA 2048-bits	RSA SHA-256	2015-06-10 13:46:05	2030-11-10 14:16:05		Code Signing	7e1a1f1a11745c64c90c1f9401abfd81642ea12c	CC5B7A0E5D6771BA348D3D763752F0667026B3531C5396EDBE24ADCE93215723
34	1	CN=Entrust Code Signing CA - OVCS2 O=Entrust, Inc. C=US	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc. C=US	71ef5574af3554c35a2c69f66f4b6bcd	RSA 4096-bits	RSA SHA-512	2021-05-07 19:20:45	2040-12-29 23:59:00		Code Signing	ef9fba79b073f2251e789c03529c1b5384de8ded	95F843046BAC035572A3BA1B821DF8B759467F5B512DDFA8A72F0799447D6368
35	1	CN=Entrust Extended Validation Code Signing CA - EVCS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	417ace39000000051d373bb	RSA 2048-bits	RSA SHA-256	2015-06-09 17:54:53	2025-06-09 18:24:53		Code Signing	2a0a6f322c292021766ab1ac8c3caf938e0e6ba2	57BC151D924C5A43B57B6433A58A93885F773B4631FDEC8B5C9FC3545529F274
35	2	CN=Entrust Extended Validation Code Signing CA - EVCS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00d9d6b8f2000000051d373d8	RSA 2048-bits	RSA SHA-256	2015-06-10 13:39:51	2025-06-10 14:09:51		Code Signing	2a0a6f322c292021766ab1ac8c3caf938e0e6ba2	091C6319936F0CAC4C7B5E027DCCA2B2A2AF4561EA2C71E650C1E3FB905FD0
35	3	CN=Entrust Extended Validation Code Signing CA - EVCS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	0087825260000000051d373d9	RSA 2048-bits	RSA SHA-256	2015-06-10 13:42:49	2030-11-10 14:12:49		Code Signing	2a0a6f322c292021766ab1ac8c3caf938e0e6ba2	D04DB927C663AA8C853D54716DD6C2A4B2FEF9C3AE1BF8250447FC5D7771E57
36	1	CN=Entrust Extended Validation Code Signing CA - EVCS2 O=Entrust, Inc. C=US	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc. C=US	35afb77b9d341f6afc8f8446ab31352b	RSA 4096-bits	RSA SHA-512	2021-05-07 19:19:52	2040-12-29 23:59:00		Code Signing	ce894f8251aa15a28462ca312361d261fbf8e78	6510DC50A0D17DC438C2A85D738F558582B6C25361884F3882E207A51F4ED152
37	1	CN=Entrust Class 1 Client CA - SHA256 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	6e61669872bc9c30000000051d3931e	RSA 2048-bits	RSA SHA-256	2019-04-16 15:35:52	2030-11-16 16:05:52		TLS Web Client Authentication, E-mail Protection	e249b9ec25deb70cdee550185b48cc0c8e15f2a6	C6E9E993C258B72124AAD3C9C068B6EF23576155F310B305733361E20B17C943
38	1	CN=Entrust Class 2 Client CA OU=(c) 2010 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	00bc4d843035b759f0000000051ce1709	RSA 2048-bits	RSA SHA-256	2017-06-20 20:34:33	2028-12-20 21:04:33		E-mail Protection, TLS Web Client Authentication	0991a5bae9f22e2a75dfcd7efe77caf2de6b9b24	95AD94E88F588604E40E5FFF3680D34BE46C1D5BA06C0E735B72AA396735C415
38	2	CN=Entrust Class 2 Client CA OU=(c) 2010 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	00af1c04b2ac8cf9b0000000051ce18e3	RSA 2048-bits	RSA SHA-256	2020-07-29 15:48:30	2029-06-29 16:18:30		E-mail Protection, TLS Web Client Authentication	0991a5bae9f22e2a75dfcd7efe77caf2de6b9b24	1A20FEF46482A98BAC6F6C7397C017310AC7FB784954388C7A7DE9035C246679
39	1	CN=Entrust Class 2 Client CA - C2CA2 O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	0088068b45c3fdd464000000051ce1961	RSA 2048-bits	RSA SHA-256	2021-03-16 14:22:40	2029-07-16 14:52:40		TLS Web Client Authentication, E-mail Protection	a2714ad5c264652f8dce2ae2c1b6e70dd0f932e4	B14CF550D8F573D93E90963C32A85F851C983C98164F54D78915F6358C954F0E
40	1	CN = Entrust Personal Email Certification Authority - SMIME1 O = Entrust, Inc. C = US	CN = Entrust SMIME Root CA - 2022 O = Entrust, Inc. C = US	1bb7bc5a6a4f06be4f716105ecdf2a74	EC 384-bits	ECDSA SHA-384	2022-12-14 14:25:44	2040-12-29 19:59:59		Secure Email (1.3.6.1.5.5.7.3.4) Client Authentication (1.3.6.1.5.5.7.3.2)	03219b5f18632ec87ef9aedad9179fb6c91b8360	E229CD78B38BD7B74AC431FA57E294CBAA35EB238293DEDE04B208218D92BA
41	1	CN = Entrust Certification Authority - ES QTS1 OrganizationIdentifier = VATES-B81188047 O = Entrust EU, S.L. C = ES	CN = Entrust Digital Signing Root Certification Authority - DSR1 O = Entrust, Inc. C = US	10b5a317770d5c645606941116538cdc	RSA 4096-bits	RSA SHA-256	2022-10-03 11:12:28	2040-12-28 20:00:00		Time Stamping (1.3.6.1.5.5.7.3.8)	696382cac2f1119a714332858bae37ca9676be80	253F463FB19E06D188A1F81AB6A3CA78C9352B08DC94D74CF05336809363812
42	1	CN=Entrust Timestamping CA - TS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	51ce0dd8	RSA 2048-bits	RSA SHA-1	2015-07-15 17:42:06	2029-06-15 23:05:07		Time Stamping	c3c271d27bd76805ae3b399b34250c6203c75768	5F84398236B7E58FA365BF1AE5AA3E441C265FDCB50CF7471799060A27A2381A



CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
42	2	CN=Entrust Timestamping CA - TS1 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048)s OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	58da13ff0000000051ce0df7	RSA 2048-bits	RSA SHA-256	2015-07-22 19:02:54	2029-06-22 19:32:54		Time Stamping	c3c271d27bd76805ae3b399b34250c6203c75768	44DFCD2C573110E74BF4E85903595F660650ED952B7306542C54E87396671F03
43	1	CN=Entrust Time Stamping CA - TS2 O=Entrust, Inc. C=US	CN=Entrust Code Signing Root Certification Authority - CSBR1 O=Entrust, Inc. C=US	25bc2bf329ca107f1ea9ba8885d49d3b	RSA 4096-bits	RSA SHA-512	2021-05-07 19:22:14	2040-12-29 23:59:00		Time Stamping	260ff0c448081bcddd91f554546b3b3fc99f108	21E81685835295589ED48FB969BD2E4F95CFB85ED1260CF6B7FA70A035D0028F
44	1	CN=Entrust Verified Mark CA - VMC2 O=Entrust, Inc. C=US	CN=Entrust Verified Mark Root Certification Authority - VMCR1 O=Entrust, Inc. C=US	699d8fd758c2c39c1e53d1aa1476d1e6	RSA 4096-bits	RSA SHA-512	2021-05-07 19:23:23	2040-12-29 23:59:00		1.3.6.1.5.5.7.3.31	efbc3cb4af3ad0455e7654dfc76478e92d1d743f	C269504B491DBF451A695B953711ADC5CD7097585FCA1E181EBBD2172CB07E0C
45	1	CN=Entrust Class 3 Client CA - SHA256 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	551615150000000051ce160e	RSA 2048-bits	RSA SHA-256	2016-02-25 18:08:16	2029-06-25 18:38:16		TLS Web Client Authentication, E-mail Protection, 1.3.6.1.4.1.311.10.3.12, 2.16.840.1.114027.40.11	069f6f4ea2294e0fcae17bfb69846efadb83b72	33857338361ECFC4858DDFF6B9EF6273E3DB856AB9CEA1C0E2C65925D1C87978
46	1	C=ES O=Entrust Datacard Europe, S.L. organizationIdentifier=VATES-B81188047 CN=Entrust Certification Authority - ES QSig1	C=US O=Entrust, Inc. CN=Entrust Certification Authority - AATL1	4491ca5825be79842b29b0c37286215f	RSA 4096-bits	RSA SHA-512	2020-07-29 16:33:00	2037-12-19 23:59:00		E-mail Protection, 1.3.6.1.4.1.311.10.3.12, 1.2.840.113583.1.1.5	5a53088a6130a90dead54397d3983b951e2e6d02	828748588A94034798319D5D329DB265F83A47F315BA5831A4970CB57166D594
47	1	C=ES O=Entrust Datacard Europe, S.L. organizationIdentifier=VATES-B81188047 CN=Entrust Certification Authority - ES QSeal1	C=US O=Entrust, Inc. CN=Entrust Certification Authority - AATL1	13ee348e492f8dd6b5c49cf073f714ab	RSA 4096-bits	RSA SHA-512	2020-07-27 14:39:07	2037-12-19 23:59:00		E-mail Protection, 1.3.6.1.4.1.311.10.3.12, 1.2.840.113583.1.1.5	5680152395717fe72d90dcd063a4f67637d3d75	1701DE38124C4458F32B88AE7E62AC15876C427A3AD3BBAE8FD1479FF00030F3
48	1	CN=Entrust Private Trust SSL CA - PrivSSL1 O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	51aebf74ef4aad8400562aac1bfae41	RSA 2048-bits	RSA SHA-256	2021-07-28 00:00:00	2030-12-18 00:00:00		TLS Web Server Authentication, TLS Web Client Authentication	63266b9530c1a8201083325162296262db7ea4d7	48AC388ECE21B6700DAB974CD884F38D84BE15446D924254CBF5E9DCB4CB4B3B
49	1	CN = Entrust Private TLS Certification Authority - PrivTLS1 O = Entrust, Inc. C = US	CN = Entrust 4K Private TLS Root CA - 2022 O = Entrust, Inc. C = US	516744af30940fef988fa7ccc7593761	RSA 4096-bits	RSA SHA-384	2022-12-14 18:28:40	2040-12-29 23:59:59			a4f626d81868bc199b69241e76260edac7b4c8e8	308892723B8457269C4D7A71EA521EECCFF9242C7A4C582F63DFAF93DA3FA74F4
50	1	CN=Entrust Certification Authority - L1H OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	293db5f30000000051d34490	RSA 2048-bits	RSA SHA-256	2014-02-18 18:42:00	2024-02-18 19:12:00			90915cfb528ff4fbb373e03ff39631ea0691b81	09108A40F7FC9F68536585C01D7C1A0365C65699DA4558DE406DCB3B5AC1BD4
50	2	CN=Entrust Certification Authority - L1H OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	591fa9d50000000051d35641	RSA 2048-bits	RSA SHA-256	2015-10-06 15:12:10	2030-12-06 15:42:10			90915cfb528ff4fbb373e03ff39631ea0691b81	1897FA1EBC96E0BA416326C135AFDBEA8A8C1A7913D8C5456ECA44BD8D12E69
50	3	CN=Entrust Certification Authority - L1H OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G3 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00d0e3f4a00000000051d35642	RSA 2048-bits	RSA SHA-1	2015-10-06 15:14:41	2030-12-06 15:44:41			90915cfb528ff4fbb373e03ff39631ea0691b81	29F1CA3D679DAA79C91685648366AABDF578ADD83867164C80A84D08A46D9638



## ENTRUST MANAGEMENT'S STATEMENT

Entrust Corporation ("Entrust") operates the Certification Authority ("CA") services as enumerated in [Attachment A](#), and provides CA services.

The management of Entrust is responsible for establishing and maintaining effective controls over its CA operations, including its network and certificate security system controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to Entrust's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Entrust management has assessed its controls over its CA services. Based on that assessment, in Entrust management's opinion, in providing its Certification Authority (CA) services at Ottawa, Ontario, Canada and Toronto, Ontario, Canada throughout the period 1 March 2023 to 29 February 2024, for its CAs as enumerated in [Attachment A](#), Entrust has:

- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Network Security – Version 1.0](#).

A handwritten signature in black ink that reads "Bruce Morton".

Bruce Morton  
Director, Entrust Certificate Services  
May 21, 2024



ATTACHMENT A

LIST OF IN SCOPE CAs for NETWORK SECURITY BASELINE

<b>Root CAs</b>
<ol style="list-style-type: none"> <li>1. Entrust.net Certification Authority (2048)</li> <li>2. Entrust Root Certification Authority</li> <li>3. Entrust Root Certification Authority – G2</li> <li>4. Entrust Root Certification Authority – G4</li> <li>5. Entrust Root Certification Authority – EC1</li> <li>6. Entrust Root Certification Authority – CSBR1</li> <li>7. Entrust Root Certification Authority – VMCR1</li> <li>8. Entrust Root Certification Authority – 4K EVTLSR 2022</li> <li>9. Entrust Root Certification Authority – P384 EVTLSR 2022</li> <li>10. Entrust Root Certification Authority – 4K TLSR 2022</li> <li>11. Entrust Root Certification Authority – P384 TLSR 2022</li> <li>12. Entrust Root Certification Authority – SMIMER 2022</li> <li>13. Entrust Root Certification Authority - G3</li> <li>14. Entrust Root Certification Authority – PRIV TLSR 2022</li> </ol>
<b>Intermediate CAs</b>
<ol style="list-style-type: none"> <li>15. Entrust Certification Authority – AATL1</li> <li>16. Entrust Certification Authority – ICA1</li> </ol>
<b>OV SSL Issuing CAs</b>
<ol style="list-style-type: none"> <li>17. Entrust Certification Authority – L1F</li> <li>18. Entrust Certification Authority – L1K</li> <li>19. Entrust Certification Authority – OVTLS1</li> <li>20. Entrust Certification Authority – OVTLS2</li> <li>21. Entrust Certification Authority – CrowdStrike TLS CA 2022</li> <li>22. Siemens 2020</li> <li>23. Entrust Certification Authority – Namirial OV SSL</li> </ol>
<b>EV SSL Issuing CAs</b>
<ol style="list-style-type: none"> <li>24. Entrust Certification Authority – L1E</li> <li>25. Entrust Certification Authority – L1J</li> <li>26. Entrust Certification Authority – L1M</li> <li>27. Entrust Certification Authority – L1N</li> <li>28. Entrust Certification Authority – QTSP1</li> <li>29. Entrust Certification Authority – ES QWAC2</li> <li>30. Entrust Certification Authority - EVTLS1</li> <li>31. Entrust Certification Authority - EVTLS2</li> <li>32. Entrust Certification Authority - Namirial EV SSL</li> </ol>
<b>Publicly Trusted Code Signing Issuing CAs</b>
<ol style="list-style-type: none"> <li>33. Entrust Code Signing CA – OVCS1</li> <li>34. Entrust Code Signing CA – OVCS2</li> </ol>
<b>EV Code Signing Issuing CA</b>
<ol style="list-style-type: none"> <li>35. Entrust Extended Validation Code Signing CA – EVCS1</li> <li>36. Entrust Extended Validation Code Signing CA – EVCS2</li> </ol>
<b>Secure Email (S/MIME) CA</b>
<ol style="list-style-type: none"> <li>37. Class 1 Client CA – SHA256</li> <li>38. Entrust Class 2 Client CA</li> <li>39. Entrust Class 2 Client CA – C2CA2</li> <li>40. Entrust SMIME1 Client CA</li> </ol>
<b>Timestamp CA</b>
<ol style="list-style-type: none"> <li>41. Entrust Timestamping CA – ES QTS1</li> <li>42. Entrust Timestamping CA – TS1</li> <li>43. Entrust Timestamping CA – TS2</li> </ol>
<b>Verified Marks Certification CA</b>
<ol style="list-style-type: none"> <li>44. Entrust Certificate Authority – VMC2</li> </ol>
<b>S/MIME CAs</b>
<ol style="list-style-type: none"> <li>45. Entrust Class 3 Client CA - SHA256</li> <li>46. Entrust Certification Authority - ES QSig1</li> </ol>



47. Entrust Certification Authority - ES QSeal1
<b>Shared SSL Issuing CAs</b>
48. Entrust Private Trust SSL CA - PrivSSL1
49. Entrust Private TLS Certification Authority – PrivTLS1
<b>Shared Mobile Device Certificate Issuing CAs</b>
50. Entrust Certification Authority - L1H

## INDEPENDENT ASSURANCE REPORT

To the management of Entrust Corporation doing business as AffirmTrust (“AffirmTrust”):

### Scope

We have been engaged, in a reasonable assurance engagement, to report on AffirmTrust management’s [statement](#) that for its Certification Authority (“CA”) operations in Ottawa, Ontario, Canada and Toronto, Ontario, Canada throughout the period 1 March 2023 to 29 February 2024 (the “Period”) for its CAs as enumerated in [Attachment A](#), AffirmTrust has:

- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Network Security – Version 1.0](#).

### Certification authority’s responsibilities

AffirmTrust’s management is responsible for its statement, including the fairness of its presentation, and the provision of its described services in accordance with the WebTrust Principles and Criteria for Certification Authorities – Network Security - Version 1.0.

### Our independence and quality management

We have complied with the relevant rules of professional conduct / code of ethics applicable to the practice of public accounting and related to assurance engagements, issued by various professional accounting bodies, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies Canadian Standard on Quality Management 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements*, which requires the firm to design, implement and operate a system of quality management, including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

### Practitioner’s responsibilities

Our responsibility is to express an opinion on management’s statement based on our procedures. We conducted our procedures in accordance with Canadian Standard on Assurance Engagements 3000, *Attestation Engagements Other than Audits or Reviews of Historical Financial Information*, set out in the CPA Canada Handbook – Assurance. This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management’s statement is fairly stated, and, accordingly, included:

- (1) obtaining an understanding of AffirmTrust’s network and certificate system security to meet the requirements set forth by the CA/Browser Forum
- (2) testing and evaluating the operating effectiveness of the controls; and
- (3) performing such other procedures as we considered necessary in the circumstances.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Relative effectiveness of controls

The relative effectiveness and significance of specific controls at AffirmTrust and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls, and other factors present at individual subscriber and relying party locations. We have performed no procedures to evaluate the effectiveness of controls at individual subscriber and relying party locations.



## **Inherent limitations**

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorised access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

## **Opinion**

In our opinion, throughout the period 1 March 2023 to 29 February 2024, AffirmTrust management's statement, as referred to above, is fairly stated, in all material respects, in accordance with the WebTrust Principles and Criteria for Certification Authorities – Network Security - Version 1.0.

This report does not include any representation as to the quality of AffirmTrust's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities – Network Security - Version 1.0, nor the suitability of any of AffirmTrust's services for any customer's intended purpose.

## **Use of the WebTrust seal**

AffirmTrust's use of the WebTrust for Certification Authorities – Network Security Seal constitutes a symbolic representation of the contents of this report, and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

A handwritten signature in black ink that reads "Deloitte LLP".

Deloitte LLP  
Chartered Professional Accountants  
Toronto, Ontario, Canada  
May 21, 2024



ATTACHMENT A

LIST OF IN SCOPE CAs

<b>Root CAs</b>
1. AffirmTrust Commercial 2. AffirmTrust Networking 3. AffirmTrust Premium 4. AffirmTrust Premium ECC 5. AffirmTrust 4K TLSR 2022
<b>DV SSL Issuing CAs</b>
6. AffirmTrust Certificate Authority - DV1 7. AffirmTrust Certificate Authority – DVTLS1
<b>OV SSL Issuing CAs</b>
8. AffirmTrust Certificate Authority - OV1
<b>EV SSL Issuing CAs</b>
9. AffirmTrust Extended Validation CA - EV1 10. AffirmTrust Extended Validation CA - EV2 11. AffirmTrust Extended Validation CA - EV3 12. AffirmTrust Extended Validation CA - EVEC1





CA IDENTIFYING INFORMATION

CA #	Cert #	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
1	1	CN=AffirmTrust Commercial O=AffirmTrust C=US	CN=AffirmTrust Commercial O=AffirmTrust C=US	7777062726a9b17c	RSA 2048- bits	RSA SHA- 256	2010-01-29 14:06:06	2030-12-31 14:06:06			9d93c6538b5ecaaf3f9f1e0fe59995bc24f6948f	0376AB1D54C5F9803CE4B2E201A0EE7EEF7B57B63E8A93C9B8D4860C96F5FA7
2	1	CN=AffirmTrust Networking O=AffirmTrust C=US	CN=AffirmTrust Networking O=AffirmTrust C=US	7c4f04391cd4992d	RSA 2048- bits	RSA SHA-1	2010-01-29 14:08:24	2030-12-31 14:08:24			071fd2e79cdac26ea240b4b07a50105074c4c8bd	0A81EC5A929777F145904AF38D5D509F66B5E2C58FCDB531058B0E17F3F0B41B
3	1	CN=AffirmTrust Premium O=AffirmTrust C=US	CN=AffirmTrust Premium O=AffirmTrust C=US	6d8c1446b1a60aee	RSA 4096- bits	RSA SHA- 384	2010-01-29 14:10:36	2040-12-31 14:10:36			9dc067a60c22d926f545aba665521127d845ac63	70A73F7F376B60074248904534B11482D5BF0E698ECC498DF52577EBF2E93B9A
4	1	CN=AffirmTrust Premium ECC O=AffirmTrust C=US	CN=AffirmTrust Premium ECC O=AffirmTrust C=US	7497258ac73f7a54	EC 384- bits	ECDSA SHA- 384	2010-01-29 14:20:24	2040-12-31 14:20:24			9aaf297ac011353526513000c36afe40d5aed63c	BD71FD6DA97E4CF62D1647ADD2581B07D79ADF8397EB4ECBA9C5E8488821423
5	1	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	4261723e9b00a227d3bd5871e2d5b404687473a5	RSA 4096- bits	RSA SHA- 384	2022-12-13 13:05:48	2047-12-07 13:05:48			07875af4076871d9661be264788037805cdef727	A7DEDFAA842167DD12FDA0F2080E7329588888EA71B2094EA0950945A482FC1
6	1	CN=AffirmTrust Certificate Authority - DV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	580e00b14e86ce35	RSA 2048- bits	RSA SHA- 256	2017-04-07 15:10:56	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	33df7a3e027996ebb60cc063fa75bf9222cd91fa	CA4389C89DDFC31BEC26C74B44A8498C58B2D838516FA01B14F1393629E58A40
6	2	CN=AffirmTrust Certificate Authority - DV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	62b4c3eba53918177f127a837b574f96	RSA 2048- bits	RSA SHA- 256	2019-03-21 20:21:37	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	33df7a3e027996ebb60cc063fa75bf9222cd91fa	4563B936E35AB97576F5AEF1935D9BC7E9977841F0573BD2E16BCAC9534A6AF9
7	1	CN = AffirmTrust 4K TLS Certification Authority - DVTLS1 O = AffirmTrust C = CA	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	04e911e082864b911d97267aa3388c5a	RSA 4096- bits	RSA SHA- 384	2022-12-14 14:09:01	2040-12-29 19:59:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	45c174f745d03320f133efb8da6179886f5c96	FB327FE14AB3FEC5C96D9169A8B536382B97B1B325543C3DCD8A10F8C431E103
8	1	CN=AffirmTrust Certificate Authority - OV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	187e7f3bf6f23cd	RSA 2048- bits	RSA SHA- 256	2016-11-29 16:49:28	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	fe60c30da4a29d214f7a784c62c5db14fc3978c4	EA4EE2FAA57AE4B539B63977FE5BB205B6AFB32F7A73B2B36E4BE02CD8A91E9
8	2	CN=AffirmTrust Certificate Authority - OV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	53f6a611092e528ed963f19149532204	RSA 2048- bits	RSA SHA- 256	2019-03-21 20:25:32	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	fe60c30da4a29d214f7a784c62c5db14fc3978c4	B5FD6F800334F565036B0999F8310B5B0BD7268395D8B267005697AF7301C5E8
9	1	CN=AffirmTrust Extended Validation CA - EV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	40f0bbaa8ae0c098	RSA 2048- bits	RSA SHA- 256	2016-11-29 16:42:17	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	dbef65370be547cb35d1901f03c1bc88c7a7ea80	CF88915CF996932C2B4CBE3039076D119BB728B4F31E49B63A5022FE65489A12
9	2	CN=AffirmTrust Extended Validation CA - EV1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Commercial O=AffirmTrust C=US	1729551ed68e7fb1edf57300f35d7fd5	RSA 2048- bits	RSA SHA- 256	2019-03-21 20:27:54	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	dbef65370be547cb35d1901f03c1bc88c7a7ea80	ED3C991466CBC45B5FD1DA281028F958788219523647E0CA1B47F2C527D2920F
10	1	CN=AffirmTrust Extended Validation CA - EV2 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Premium O=AffirmTrust C=US	5371c8eb0784fd5108e5d4f3e323ec46	RSA 2048- bits	RSA SHA- 256	2019-03-21 20:46:35	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	737c9a38683c517c4108fea1f2a1eb461dbcd3c	9DF77488C4B74AC32E3CEC4C643D001D5C3B8BFA4001FFD193DCA10C8BE5CB3A
11	1	CN=AffirmTrust Extended Validation CA - EV3 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Networking O=AffirmTrust C=US	3424a1ecf8f0a35fe746b7011c43e844	RSA 2048- bits	RSA SHA- 256	2019-03-21 20:38:59	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	791eb1c917c71eacb1c714d7c3e87fcb9509b15	B700BA49AF4D19E72FB15A2DAC3C213BA44C319FA7DA92772B3682E12B781093
12	1	CN=AffirmTrust Extended Validation CA - EVEC1 OU=See www.affirmtrust.com/repository O=AffirmTrust C=CA	CN=AffirmTrust Premium ECC O=AffirmTrust C=US	0202a584c134064dc9f32d207ea37298	EC 384- bits	ECDSA SHA- 384	2019-03-21 20:55:07	2030-12-02 04:00:00		TLS Web Server Authentication, TLS Web Client Authentication	c6908c0283d75de3be3b9c2ed5657d2a1060eee5	CDE23A52303C3CA67A4BBCC9582FF5C9203AA98C80F387139308CE2289506A2



## AFFIRMTRUST MANAGEMENT'S STATEMENT

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in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Network Security – Version 1.0](#).

A handwritten signature in black ink that reads "Bruce Morton".

Bruce Morton  
Director, Entrust Certificate Services  
May 21, 2024

**ATTACHMENT A****LIST OF IN SCOPE CAs**

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8. AffirmTrust Certificate Authority - OV1
<b>EV SSL Issuing CAs</b>
9. AffirmTrust Extended Validation CA - EV1 10. AffirmTrust Extended Validation CA - EV2 11. AffirmTrust Extended Validation CA - EV3 12. AffirmTrust Extended Validation CA - EVEC1